

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Pascal BAZIN et al.

Serial No. (unknown)

Filed herewith

INTERACTIVE DIGITAL  
TELEVISION NETWORK

**PRELIMINARY AMENDMENT**

Commissioner for Patents

Washington, D.C. 20231

Sir:

Prior to calculation of the filing fee, please  
amend the above-identified application as follows:

**IN THE CLAIMS:**

Amend claim 6 as follows:

--6. (Amended) Network according to claim 2,  
characterized in that the agencies manager also comprises  
an access rights manager which limits access of the agencies  
centre to the resources and target profiles according to the  
set where it is installed.

Amend claim 9 as follows:

--9. (Amended) Network according to Claim 7,  
characterized in that the media agency comprises means for

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processing one at least of the following objects: Folder, Video, Picture, Sound, Text, Internet file, database file.

Amend claim 12 as follows:

--12. (Amended) Network according to Claim 10, characterized in that the programmes agency comprises means for processing one at least of the following objects: Folder, PLAYLIST execution list, TIMED PLAYLIST synchronized execution list, "CITYLINE" interactive directory, Catalogue, Module for executing programme lists (JUKE-BOX), Advertisements module (ADS-INSERT), Training, Module for managing stock market programmes (INFO-STOCK), Weather Services, electronic commerce (e-commerce), electronic banking (e-bank), electronic magazine (e-zine), and others still.

Amend claim 13 as follows:

--13. (Amended) Network according to Claim 10, characterized in that the programmes agency comprises means for processing one at least of the following elements: Structure, Video, Sound, Picture, Text, Design, Page, List, Slide Show, Scene, Routing, Instruction, and others still.

Amend claim 15 as follows:

--15. (Amended) Network according to claim 6, characterized in that the agencies centre (4) is distributed between at least one main agency (61) and one or more

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secondary agencies (61-1 to 61-n) on at least one implementation system.

Amend claim 18 as follows:

--18. (Amended) Network according to claim 1, characterized in that the codes generator (11, 65) comprises means for processing each digital television application, which itself comprises:

- means for processing parameters individual to each application and valid for all the other component elements such as TV Objects;
- means for processing broadcasting parameters making it possible to identify the channel on the customer station;
- means for processing screens of the application;
- means for processing data of the application.

Amend claim 19 as follows:

--19. (Amended) Network according to claim 18, characterized in that the means for processing data of the application comprise:

- means for processing an application Name;

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- means for processing an application ID identifier;
- means for processing a Palette identifying the colours of TV Objects displayed;
- means for processing a code for access to the application being broadcast (DVB trio);
- means for processing a List of TV scenes each of a type chosen from among in particular:
  - single scenes;
  - multipage scenes;
  - scenes with menu-list.

Amend claim 26 as follows:

--26. (Amended) Network according to claim 19, characterized in that the means for processing a TV Object or lists of TV Objects manipulate one of the types of TV Objects selected from among: text objects, design objects, picture objects, routing objects, instruction objects.--

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R E M A R K S

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "VERSION WITH MARKINGS TO SHOW CHANGES MADE".

Respectfully submitted,

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**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

The claims have been amended as follows:

6. (Amended) Network according to ~~one~~  
~~of~~ C~~claims~~ 2 ~~to~~ 5, characterized in that the  
agencies manager also comprises an access rights  
manager which limits access of the agencies  
centre to the resources and target profiles  
according to the set where it is installed.

9. (Amended) Network according to Claim  
7 ~~or~~ 8, characterized in that the media agency  
comprises means for processing one at least of  
the following objects: Folder, Video, Picture,  
Sound, Text, Internet file, database file.

12. (Amended) Network according to  
Claim 10 ~~or~~ 11, characterized in that the  
programmes agency comprises means for processing  
one at least of the following objects: Folder,  
PLAYLIST execution list, TIMED PLAYLIST synchro-  
nized execution list, "CITYLINE" interactive  
directory, Catalogue, Module for executing  
programme lists (JUKE-BOX), Advertisements module  
(ADS-INSERT), Training, Module for managing stock  
market programmes (INFO-STOCK), Weather Services,  
electronic commerce (e-commerce), electronic

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banking (e-bank), electronic magazine (e-zine), and others still.

13. (Amended) Network according to Claim 10, ~~11 or 12,~~ characterized in that the programmes agency comprises means for processing one at least of the following elements: Structure, Video, Sound, Picture, Text, Design, Page, List, Slide Show, Scene, Routing, Instruction, and others still.

15. (Amended) Network according to ~~Claims 6 and 14,~~ characterized in that the agencies centre (4) is distributed between at least one main agency (61) and one or more secondary agencies (61-1 to 61-n) on at least one implementation system.

18. (Amended) Network according to ~~one of the preceding claims~~ 1, characterized in that the codes generator (11, 65) comprises means for processing each digital television application, which itself comprises:

- means for processing parameters individual to each application and valid for all the other component elements such as TV Objects;

- means for processing broadcasting parameters making it possible to identify the channel on the customer station;
- means for processing screens of the application;
- means for processing data of the application.

19. (Amended) Network according to the ~~preceding~~ claim 18, characterized in that the means for processing data of the application comprise:

- means for processing an application Name;
- means for processing an application ID identifier;
- means for processing a Palette identifying the colours of TV Objects displayed;
- means for processing a code for access to the application being broadcast (DVB trio);
- means for processing a List of TV scenes each of a type chosen from among in particular:
  - single scenes;
  - multipage scenes;
  - scenes with menu-list.



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26. (Amended) Network according to ~~one~~  
~~of~~ Claims 19 ~~to 25~~, characterized in that the  
means for processing a TV Object or lists of TV  
Objects manipulate one of the types of TV Objects  
selected from among: text objects, design ob-  
jects, picture objects, routing objects, instruc-  
tion objects.

## ABSTRACT OF THE DISCLOSURE

5 An interactive digital television network  
includes broadcaster site (1) connected by a broadcasting  
channel (16, 10, 34) to at least one customer station  
(4). The broadcaster site (1) chiefly comprises a center  
for agencies (4) which mobilize resources (5) for  
implementing projects (6) with the aid of target profiles  
(7) destined for a generator or transcoder (11) which  
interprets the programmes of an interactive digital  
television application in a multi-platform low-level  
10 language. The customer stations essentially comprise a  
reader (26) of the programmes which execute each  
programme with the aid of a digital television platform  
(29), the programme executed having been transcoded as a  
function of the target platform.